

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark OfficeAtty. Docket No.
36217/US/2-475387-191Serial No.
10/551,735**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use several sheets if necessary)Applicant(s)
Guillermo J. Tearney et al.Filing Date
September 29, 2005Confirmation No.
6550**U.S. PATENT DOCUMENTS**

*Exam. Init.	Document No.							Date	Name	Class	Subclass	Filing Date if Appropriate
	4	5	3	3	2	4	7	August 6, 1985	Epworth eeeeeeeee			
	6	7	4	1	3	5	5	May 25, 2004	Drabarek eeeeeeeee			
2005	0	0	7	5	5	4	7	April 7, 2005	Wang eeeeeeeee			
2005	0	0	8	3	5	3	4	April 21, 2005	Riza et al. eeeeeeeee			
	3	9	7	3	2	1	9	August 3, 1976	Tang et al.			
	3	9	8	3	5	0	7	September 28, 1976	Tang et al.			
2006	0	1	0	3	8	5	0	May 18, 2006	Alphonse et al. eeeeeeeee			
	4	8	9	2	4	0	6	January 9, 1990	Waters eeeeeeeee			
	5	7	1	6	3	2	4	February 10, 1998	Toida φ			
	6	4	5	9	4	8	7	October 1, 2002	Chen et al.φ			
2002	0	0	9	3	6	6	2	July 18, 2002	Chen et al. φ			
	6	3	5	9	6	9	2	March 19, 2002	Groot φφφ			
	6	9	0	3	8	2	0	June 7, 2005	Wang φφφφ			
2006	0	2	4	4	9	7	3	November 2, 2006	Yun et al. φφφφφφ			
	5	2	2	8	0	0	1	July 13, 1993	Birge et al. φφφφφφφ			
	6	6	8	7	0	3	6	February 3, 2004	Riza φφφφφφ			
	4	4	2	8	6	4	3	January 31, 1984	Kay φφφφφφ			
	4	9	6	5	5	9	9	October 23, 1990	Roddy et al. φφφφφφφ			

Examiner

Date Considered

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SAT/

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		4	3	0	3	3	0	0	December 1, 1981	Pressiat et al.			
		6	8	3	9	4	9	6	January 4, 2005	Mills et al.			
2004	0	1	3	3	1	9	1		July 8, 2004	Momiuchi et al. φφφφφφφφ			
		5	8	4	0	0	7	5	November 24, 1998	Mueller et al. φφφφφφφφ			
2003	0	2	1	6	7	1	9		November 20, 2003	Debenedictis et al. φφφφφφφφ			
2006	0	1	5	5	1	9	3		July 13, 2006	Leonardi et al. φφφφφφφφ			
2003	0	1	9	9	7	6	9		October 23, 2003	Podoleanu et al. φφφφφφφφφφ			
2004	0	2	1	2	8	0	8		October 28, 2004	Okawa et al. φφφφφφφφφφ			

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Document No.									Date	Country	Class	SubClass	Translator Yes No	
	9	6	2	8	2	1	2		September 19, 1996	WIPO φφφφφφφφφφ φ				
	0	9	3	3	0	9	6		August 4, 1999	European φφφφφφφφφφ φ				
	4	1	0	5	2	2	1		September 12, 1991	Germany				
	0	1	0	8	5	7	9		February 8, 2001	WIPO φφφφφφφφ				
	9	9	0	5	4	8	7		February 4, 1999	WIPO φφφφφφφφφφ				
200	5	0	8	2	2	2	5		September 9, 2005	WIPO φφφφφφφφφφφφ				
200	4	0	3	4	8	6	9		April 29, 2004	WIPO φφφφφφφφφφφφ				

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	0	3	0	5	2	4	7	8	June 26, 2003	WIPO φφφφφφφφφφ				
	200	7	0	3	8	7	8	7	April 5, 2007	WIPO φφφφφφφφφφ				

References cited in Office Action dated November 15, 2007 for U.S. Patent Application No. 11/285,301
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 References cited in Office Action dated December 18, 2007 for U.S. Patent Application No. 11/288,994
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 Reference cited in Office Action dated January 3, 2008 for U.S. Patent Application No. 10/997,789
 Reference cited in Office Action dated January 10, 2008 for U.S. Patent Application No. 11/435,228
 Reference cited in Office Action dated January 10, 2008 for U.S. Patent Application No. 11/410,937
 Reference cited in Office Action dated January 11, 2008 for U.S. Patent Application No. 11/445,990
 Reference cited in Office Action dated February 4, 2008 for U.S. Patent Application No. 10/861,179
 References cited in International Search Report PCT/US2007/061481 dated March 17, 2008
 References cited in International Search Report PCT/US2007/078254 dated March 28, 2008
 References cited in International Search Report for Application No. PCT/US2007/068233 dated February 21, 2008
 References cited in International Search Report for Application No. PCT/US2007/060787 dated March 18, 2008
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			Tang C. L. et al., "Wide-band electro-optical tuning of semiconductor lasers", Applied Physics Letters, Vol. 30, No. 2, January 15, 1977, pages 113-116
			Tang C. L. et al., "Transient effects in wavelength-modulated dye lasers", Applied Physics Letters, Vol. 26, No. 9, May 1, 1975, pages 534-537
			Telle M. John, et al., "Very rapid tuning of cw dye laser", Applied Physics Letters, Vol. 26, No. 10, May 15, 1975, pages 572-574
			Telle M. John, et al., "New method for electro-optical tuning of tunable lasers", Applied Physics Letters, Vol. 24, No. 2, January 15, 1974, pages 85-87

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M. Gualini Muddassir et al., "Recent Advancements of Optical Interferometry Applied to Medicine", IEEE Transactions on Medical Imaging, Vol. 23, No. 2, February 2004, pages 205-212

Maurice L. Roch et al. "Noninvasive Vascular Elastography: Theoretical Framework", IEEE Transactions on Medical Imaging, Vol. 23, No. 2, February 2004, pages 164-180 ~~eeeeeeeee~~Kirkpatrick J. Sean et al. "Optical Assessment of Tissue Mechanical Properties", Proceedings of the SPIE - The International Society for Optical Engineering SPIE - Vol. 4001, 2000, pages 92-101 ~~eeeeeeeee~~Lisaukas B. Jennifer et al., "Investigation of Plaque Biomechanics from Intravascular Ultrasound Images using Finite Element Modeling", Proceedings of the 19th International Conference - IEEE October 30 - November 2, 1997, pages 887-888 ~~eeeeeeeee~~Parker K. J. et al., "Techniques for Elastic Imaging: A Review", IEEE Engineering in Medicine and Biology, November/December 1996, pages 52-59 ~~eeeeeeeee~~~~Copy of European Patent Office Search Report for Application No. 05794226.3~~Dubois Arnaud et al., "Ultrahigh-resolution OCT using white-light interference microscopy", Proceedings of SPIE, 2003, Vol. 4956, pages 14-21 ~~φφ~~

Copy of Office Action dated January 3, 2008 for U.S. Patent Application No. 10/997,789

Copy of Office Action dated December 21, 2007 for U.S. Patent Application No. 11/264,655

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		Copy of PCT International Search Report and Written Opinion for Application No. PCT/US2007/061481 dated March 17, 2008
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		C.J. Stewart et al., "A comparison of two laser-based methods for determination of burn scar perfusion: Laser Doppler versus laser speckle imaging", Elsevier Ltd., 2005, Vol. 31, pages 744-752 φφφφφφφφ
		G. J. Tearney et al., "Atherosclerotic plaque characterization by spatial and temporal speckle pattern analysis", CLEO 2001, Vol. 56, pages 307-307 φφφφφφφφ
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		Copy of PCT International Search Report for Application No. PCT/US2007/060787 dated March 18, 2008
		Copy of Statement under Article 19 and Reply to PCT Written Opinion for PCT International Application No. PCT/US2005/043951 dated June 6, 2006
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/Samuel A. Turner/

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02/16/2009

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